

CHANNEL ISLANDS NATIONAL MARINE SANCTUARY

## Sanctuary Advisory Council Meeting

### DRAFT Key Meeting Outcomes

September 19, 2014

State Street Room, University Center  
University of California, Santa Barbara

*Note: After council approval, this document will be posted online at <http://channelislands.noaa.gov/sac/minutes.html>. Audio recordings of this and other Council meetings are available upon request to [michael.murray@noaa.gov](mailto:michael.murray@noaa.gov).*

**Attendance:** At peak, fifteen of the council's twenty-one voting seats were present (see attached attendance roster). Six seats were absent for the day: Research, Chumash Community, CA Department of Fish and Wildlife, Bureau of Ocean Energy Management, CA Natural Resources Agency, and Ventura County. Public attendance varied throughout the day, averaging five people.

#### **Administrative Business and Announcements:**

The draft key outcomes from the July 17<sup>th</sup> meeting were unanimously approved as final.

Chris Mobley announced that Kristen Hislop is the new alternate for the California Coastal Commission.

Mike Murray said that Phyllis Grifman and Michael Cohen were nominated for Vice Chair and Secretary of the Executive Committee via email from SAC members, and they were appointed for those positions by a motion by John Ugoretz and a second by Bruce Steele. The council unanimously voted in favor of reelecting Phyllis Grifman as the Vice Chair and electing Michael Cohen as the Secretary.

#### ***Superintendent's Report***

Superintendent Chris Mobley announced that he recently attended a regional meeting with representatives from the West Coast sanctuaries, and a national meeting in Michigan with representatives from all the sanctuaries. Chris announced that Kristen Hislop is a new SAC alternate for the California Coastal Commission and she was formerly a CA Sea Grant Fellow at the sanctuary. Chris added that there was an Unmanned Aerial Systems test at Vandenberg Air Force Base that recently took place to test a small PUMA system's oil spill response effectiveness for spills on land and in water. Chris said that the field season has been busy with deep sea coral expeditions and deep-water surveys of marine reserves due to the ability to raise funds and develop partnerships. Chris added that deep sea coral expeditions are being done to look at the health of coral and sponge communities and take water samples to expand information on the future implications of ocean acidification impacts.

#### ***Member Announcements***

A number of Council members shared announcements (unrelated to meeting agenda items). Audio recordings are available upon request.

#### ***Guest Speaker: Mick Kronman on the evolution of Santa Barbara Channel commercial fisheries***

Mick Kronman, a UCSB graduate, previous SAC member, maritime writer, experienced fisherman, and now the Santa Barbara Harbor's Operations Manager, shared insights from his book [From Hooks to Harpoons: the Story of Santa Barbara Channel Fisheries](#). Mr. Kronman's work has documented the history of various commercial gear types as they evolved from the early 1800s until present. He shared his perspectives with the council on the role of environmental regulations over time, the ongoing challenge of managing data-poor fisheries, problems differentiating catch availability vs. abundance, the importance of involving fishermen in fisheries management, and other themes.

Mr. Kronman read excerpts from different chapters of his book that exemplified a theme of commercial fishery regulation and compliance. He said that people have always been concerned with the marine environment; we are now just facing modern challenges. He said that he believes our model in California is the most conservative and sustainable in the nation, and possibly even the world.

***Public Comment***

There was no public comment.

***The New CINMS Science Team***

Michael Murray introduced the new Channel Islands National Marine Sanctuary science team composed of Chris Caldwell, Julie Bursek, and Ryan Freedman. Chris Caldwell began by sharing that he completed his undergrad work at UCSB, and is very familiar with the area and local issues. Chris has been with NOAA's Biogeography Branch since 2006, where he was observing marine resources and their interaction with human communities, then mapping hotspots that are of interest to multiple parties. Chris shared where each member of the old research team has moved to, which included relocating to other states and retiring.

Chris Caldwell said that current projects include deploying ocean acidification (OA) sensors in the sanctuary, OA cruises with UCSB, and deep sea ROV expeditions to assess OA impacts to benthic communities. Also, Chris mentioned working with staff at the Aquarium of the Pacific to look into migrations of sea turtles, whales, and more. Chris added that nineteen moorings with acoustic and environmental sensors are being used to look into species connectivity, and the sanctuary is working alongside various local researchers. Chris added that Matt Pickett from NOAA is developing protocols and procedures for using Unmanned Aircraft Systems technology to be a potential application to real world problems.

***Meeting Dates for Next Year***

Dianna Black shared the new schedule of SAC meetings for 2015, and announced the third Friday of every month pattern will continue. Eric Kett made a motion to approve the list of meetings, and Vic Cox seconded the motion. The Council voted and unanimously approved the motion.

***Shipping and Whales***

Sean Herron shared the July and August maps for whale sightings, which showed numerous sightings of humpback and minke whales, but a small number of blue whale sightings for the summer. Sean gave a recap of the community forum on the Vessel Speed Reduction Trial Program, which had about 70 people, including a documentary film group, members of the press, the mayor of Santa Barbara, the district supervisor, and members of the Santa Barbara and Ventura County Air Pollution Control Districts. Sean announced that the Ventura County Air Pollution Control District will be contributing \$30,000, making total available funds enough to incentivize 32 transits. Sean finished his presentation by giving a live demo of the new Whale Alert app to show its features and answer questions.

Kristi Birney shared that all of the funding has been identified to close the \$50,000 gap to fund the Marine Shipping Working Group, with the Bower Foundation contributing \$40,000 and the International Fund for Animal Welfare contributing \$10,000. Kristi recognized the Sanctuary Advisory Council as a leader on this topic, as it was the first local community group to take action and give recommendations that are being put to use. Kristi mentioned that the working group meetings will launch in the late fall or early winter, so the members should be prepared.

Bruce Steele said that the shipping industry is sacrificing a lot to be a part of the program because \$2,500 is not a lot of money to them. Kristi agreed and said that the shipping industry is participating because they believe in the project's goals, and that the dialogue with the industry has been highly productive.

***Dr. Robert Miller on a new project: Demonstrating an Effective Marine Biodiversity Observation Network in the Santa Barbara Channel***

Dr. Robert Miller from the Marine Science Institute at the University of California Santa Barbara presented on the formation of a Biodiversity Observation Network in the Santa Barbara Channel to measure and monitor biodiversity. Dr. Miller said that Biodiversity Observation Networks are now being extended to marine environments in order to identify future threats to the ocean. The project goals are to integrate and catalog regional biodiversity data, develop methods to monitor biodiversity, and implement a tradeoff framework to optimize allocation of sampling efforts. Challenges associated with these goals include deciding on the appropriate temporal and spatial scales and collecting samples from different habitats. An optical imaging approach is being developed that will apply algorithms to automatically identify common species within photographs, which has the potential to analyze large volumes of information in a short timeframe. The network is also investigating technology that will have the ability to sample DNA in water samples and identify species that are or were present.

Russell Galipeau said that Channel Islands National Park has a considerable amount of optical imagery that they could be willing to share with Dr. Miller for this project.

### **Working Group Reports**

*Channel Islands Technical Advisory Committee (TAC) on Enforcement:* Bill Struble announced there has been good work behind the scenes with the Sanctuary and California Department of Fish and Wildlife, and he highlighted a civil case for illegal fishing in the Richardson Rock Marine Reserve.

*Chumash Community Working Group:* no updates.

*Research Activities Panel:* no updates.

*Marketing Subcommittee:* Michael Cohen announced that they are trying to move forward with all of the tourism organizations that came to the last SAC meeting to gain further exposure with members of the public.

*Sanctuary Education Team:* Cliff Rodrigues said there was a meeting held on September 8<sup>th</sup>, 2014, and that all the people present talked about youth education programs they are involved with and their interest to create a high profile guest lecture series. Cliff said this could be a future topic for a Sanctuary Advisory Council meeting.

*Recreational Fishing Working Group:* no updates.

*Commercial Fishing Working Group:* Bruce Steele said that ocean acidification is going to continue to be a high priority, and he hopes it will gain traction among politicians. Bruce thanked the Sanctuary for the ability to use their webinar capabilities.

*Conservation Working Group:* Kristi Birney said the Santa Barbara Channel MPA Collaborative is still moving forward, and Santa Barbara Channelkeeper is partnering with Truth Aquatics to bring people to the Naples MPA for a day at a discounted price.

### **Meeting Close-Out**

Dianne Black closed out the meeting, noting that the last SAC meeting of 2014 will be held on:

- Friday, November 21 (Ventura)

**Meeting Attendance Roster (09/19/2014):**

Andrea Mills	Tourism	<i>Present</i>
Garrett Kababik	Tourism – Alternate	<i>Present</i>
Debra Herring	Non-Consumptive Recreation	<i>Present</i>
Stuart Wilson	Non-Consumptive Recreation - Alternate	<i>Present</i>
Michael Cohen	Business	<i>Present</i>
Capt. Kip Louttit	Business - Alternate	<i>Present</i>
Kristi Birney	Conservation	<i>Present</i>
Greg Helms	Conservation - Alternate	<i>Present</i>
Bruce Steele	Commercial Fishing	<i>Present</i>
Stephanie Mutz	Commercial Fishing - Alternate	<i>Absent</i>
Capt. David Bacon	Recreational Fishing	<i>Present</i>
Merit McCrea	Recreational Fishing - Alternate	<i>Present</i>
Amanda Allen	Education	<i>Absent</i>
Cliff Rodrigues	Education – Alternate	<i>Present</i>
Dr. Robert Warner	Research	<i>Absent</i>
Dr. Mark Steele	Research – Alternate	<i>Absent</i>
Phyllis Grifman [Vice-Chair]	Public At Large #1	<i>Present</i>
Victor Cox	Public At Large #1 - Alternate	<i>Present</i>
Eric Kett	Public At Large #2	<i>Present</i>
Richard Block	Public At Large #2 - Alternate	<i>Absent</i>
Luhui Isha Waiya	Chumash Community	<i>Absent</i>
Mati Waiya	Chumash Community - Alternate	<i>Absent</i>
Elizabeth Petras	NOAA Fisheries	<i>Present</i>
Shelby Mendez	NOAA Fisheries - Alternate	<i>Absent</i>
Russell Galipeau	National Park Service	<i>Present</i>
David Ashe	National Park Service - Alternate	<i>Absent</i>
CDR Casey Hehr	US Coast Guard	<i>Present</i>
LT CMDR Joseph Giammanco	US Coast Guard – Alternate	<i>Absent</i>
Donna Schroeder	Bureau of Ocean Energy Mgmt (BOEM)	<i>Absent</i>
Dr. Ann Bull	BOEM – Alternate	<i>Absent</i>
John Ugoretz	Dept. of Defense	<i>Present</i>
Walt Schobel	Dept. of Defense - Alternate	<i>Absent</i>
Craig Shuman	CA Dept. of Fish & Wildlife	<i>Absent</i>
Kai Lampson	CA Dept. of Fish & Wildlife - Alternate	<i>Absent</i>
Rich Rozzelle	CA Natural Resources Agency	<i>Absent</i>
Amy Vierra	CA Natural Resources Agency - Alternate	<i>Absent</i>
Dr. Jonna Engel	CA Coastal Commission	<i>Absent</i>
Kristen Hislop	CA Coastal Commission - Alternate	<i>Present</i>
Dianne Black [Council Chair]	Santa Barbara County	<i>Present</i>
Susan Curtis	Santa Barbara County - Alternate	<i>Absent</i>
Gary Hirtensteiner	Ventura County	<i>Absent</i>
<vacant>	Ventura County - Alternate	--
Chris Mobley	Channel Islands NMS [non-voting]	<i>Present</i>
Paul Michel	Monterey Bay NMS [non-voting]	<i>Absent</i>
Karen Grimmer	Monterey Bay NMS - Alternate [non-voting]	<i>Absent</i>
Maria Brown	Gulf of the Farallones NMS [non-voting]	<i>Absent</i>